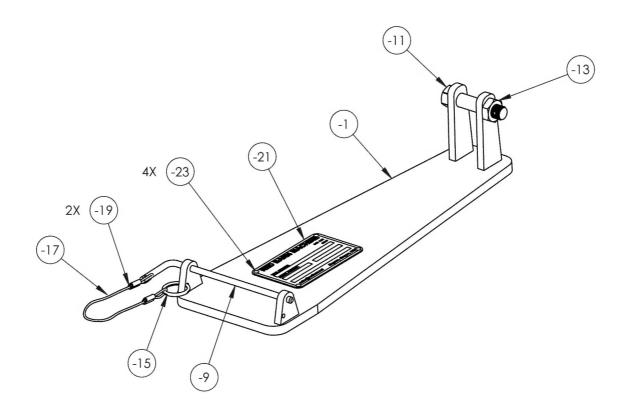
	REVISIONS			
RE	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED PLACARD, SHT 2 MOVED Ø .453 HOLE TO WELDMENT, SHT 4 CH'D HOLE FROM .453 TO .250	12/14/2012	JAG	



		_							-
ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.	RE
	Х		-1	1	WELDMENT			2	
	1		-3		BASE	1018	5/16 X 4-1/2 X 13-1/2	3	1 1
0	2		-5		TALL UPRIGHT	1018	1/4 X 1 X 2-5/8	4	TITLE
	2		-7		SHORT UPRIGHT	1018	1/4 X 1 X 1	5	TITLE
			-9	1	PIN	01	Ø5mm DRILL ROD X 6-1/2	6	
		В/О	-11	1	BOLT	STEEL	7/16-20 X 2 AN7-17	1	DWG NO.
0		В/О	-13	1	NUT	STEEL	7/16-20 MCMASTER-CARR #93839A820	1	MAT'L
		В/О	-15	1	SPLIT RING	STEEL	Ø11/16 MCMASTER-CARR #90177A215	1	UNI
		B/O	-17	1	LANYARD	S.S.	Ø1/16 X 8 CARR LANE #CL2C	1	.xxx ±
		В/О	-19	2	FERRULE	ALUMINUM	Ø1/16 X 3/8 MCMASTER-CARR #3896T31	1	:XX ±
		В/О	-21	1	RED BARN PLACARD	ALUMINUM	RB41009	1	1. BREAK OR .01
		B/O	-23	4	#2 DRIVE SCREW	COATED STEEL	1/8 MCMASTER-CARR #90081A074	1	2. DIMEN: PLATIN
	ASSY -1								SCALE

REF P/N 109-3400-06-1

## ® RED BARN MACHINE

FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT

MAT'L

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

.XXX ± .005

X ± .11

ANGLES ± .5°

X ± .1

ANGLES ± .5°

APPROVED

70

HEAT
TREAT
FINISH

SPEC

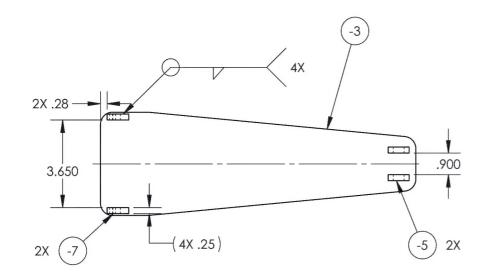
SPEC

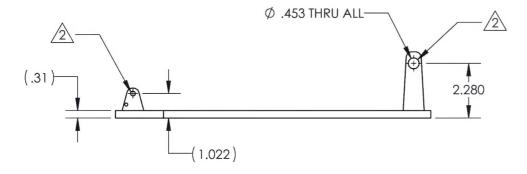
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY AFTER PLATING

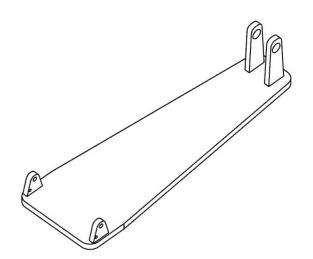
SCALE 1:3 DATE 7/

REV

$\neg$	REVISIONS .									
	REV	DESCRIPTION	DATE	INITIAL	APPRÓVED					
	1	MOVED Ø .453 HOLE TO WELDMENT	12/14/2012	JAG						







POSITION 4 UPRIGHTS AS SHOWN, WELD IN PLACE, THE USE OF A WELD FIXTURE IS RECOMMENDED TO PROPERLY POSITION.



HOLES MUST BE ALIGNED TO ALLOW BOLT OR PIN TO SLIDE THRU TWO HOLES.

® RED	BAR	NM	A(	CHINE	
FLIGHT CON	ITROL GTH AI				?
DWG NO. RBW 109-3400-06-1-1					REV 1
MAT'L		DRAW	NBY:	GILBERT	
UNLESS OTHERWISE SE DIMENSIONS ARE IN I		APPRO	VED	D Wes	il
.XXX ± .005 FRACTION		TREAT			
VV ± 04	ES ±.5°	FINISH	POW	DER COAT YELL	.OW
_	1. BREAK ALL SHARP EDGES .015 x 45°				
OR .015R	USED ON MODEL				
2. DIMENSIONAL LIMITS APPL PLATING	A	GUS	TA AW109		
SCALE 1:3	ATE 7/	6/201	1	SHEET 2	OF 6

WELDMENT

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine. REV INITIAL APPROVED DESCRIPTION (.313)-13.125-2X 2.00 - 4X R .50 4.300 2.188 (2X 5.4°) RED BARN MACHINE FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT DWG NO. REV RBW109-3400-06-1-3 DRAWN BY: GILBERT MAT'L 1018 (-3)UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 FRACTIONS ± 1/32 FINISH .X ± .1 SPEC **BASE** 1. BREAK ALL SHARP EDGES .015 x 45° SPEC OR .015R USED ON MODEL 2. DIMENSIONAL LIMITS APPLY AFTER PLATING AGUSTA AW109

SCALE

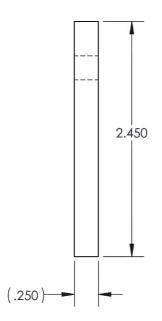
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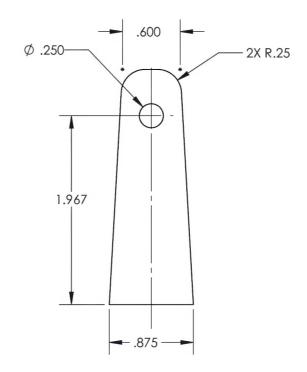
DATE

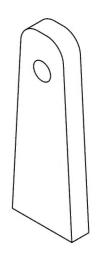
7/6/2011

SHEET 3 OF 6

	revisions 1								
REV	DESCRIPTION	DATE	INITIAL	APPROVED					
1	CH'D HOLE FROM .453 TO .250	12/14/2012	JAG						





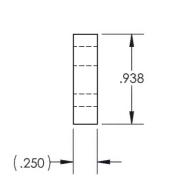


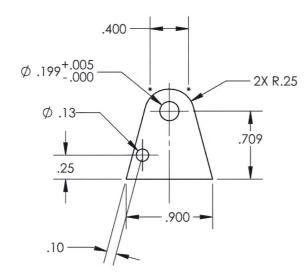
(-5)

TALL UPRIGHT

® RED	BARI	N MAC	CHINE				
FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT							
	<b>/</b> 109-3	400-06	-1-5	REV 1			
MAT'L 1018		DRAWN BY:	GILBERT				
	NINCHES	APPROVED HEAT TREAT FINISH	D Weil	!			
BREAK ALL SHARP EDGI OR .015R     DIMENSIONAL LIMITS AP PLATING			O ON MODEL STA AW109				
SCALE 1:1	DATE 7/	6/2011	SHEET 4 C	OF 6			

	REVISIONS			
REV	DESCRIPTION	DATE	INITIAL	APPROVED



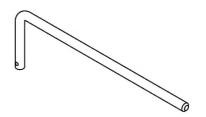


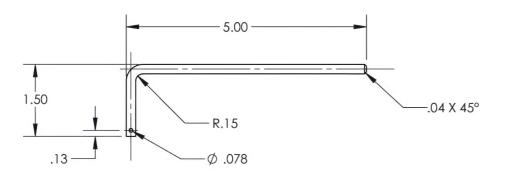


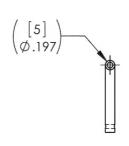
-7 SHORT UPRIGHT

	RED BARN MACHINE								
TITLE	FLIGHT CONTROL SERVO-ACTUATOR LENGTH ADJUSTMENT								
DWG NO	RBW109-3400-06-1-7						REV 1		
MAT'L	1018				DRAWN BY:	GILBERT			
U		OTHERWISE SIONS ARE I			APPROVED	D We	il		
.xxx	± .005		IONS ± 1	_	HEAT TREAT				
.xx	± .01 + .1	AN	GLES ±.5	٥	FINISH				
		SHARP EDG	ES .015 x	45°	SPEC				
	OR .015R					D ON MODEL			
2. DIMENSIONAL LIMITS APPLY AFTER PLATING				AGUS	STA AW109				
SCALE		1:1	DATE	7/	6/2011	SHEET 5	OF 6		

 REVISIONS
 DATE
 INITIAL
 APPROVED







SCALE

1:2

(-9)

PIN

	RB	RED BAR	N MACHINE		
TITLE	FLIG		SERVO-ACTUATOR DJUSTMENT		
DWG NO	-	RBW109-3	3400-06-1-9 R	EV 1	
MAT'L	01		DRAWN BY: GILBERT		
U		THERWISE SPECIFIED ONS ARE IN INCHES	APPROVED D Weil		
	± .005		HEAT TREAT		
XX :	± .01 + .1	ANGLES ±.5°	FINISH		
1. BRE	AK ALL SI	HARP EDGES .015 x 45°	SPEC QQ-P-416F, TYPE II, CLASS II		
OR .0		LIMITS APPLY AFTER	USED ON MODEL		
PLA1		LIMITS AFFLT AFTER	AGUSTA AW109		

7/6/2011

SHEET 6 OF 6

DATE